



ST98017US PCT.ST25.txt
SEQUENCE LISTING

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<120> MONOCLONAL ANTIBODIES DIRECTED AGAINST THE G3BP PROTEIN AND USES

<130> USST98017 US PCT

<140> US 09/719, 758

<141> 2002-01-04

<150> FR98/07617

<151> 1998-06-17

<150> PCT/FR99/01453

<151> 1999-12-23

<160> 27

<170> PatentIn version 3.3

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<211> 466

<212> PRT

<213> homo sapiens

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Arg Gln Tyr Tyr Thr Leu Leu Asn Gln Ala Pro Asp Met Leu His Arg
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Phe Tyr Gly Lys Asn Ser Ser Tyr Val His Gly Gly Leu Asp Ser Asn
35 40 45

Gly Lys Pro Ala Asp Ala Val Tyr Gly Gln Lys Glu Ile His Arg Lys
50 55 60

Val Met Ser Gln Asn Phe Thr Asn Cys His Thr Lys Ile Arg His Val
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Asp Ala His Ala Thr Leu Asn Asp Gly Val Val Val Gln Val Met Gly
85 90 95

Leu Leu Ser Asn Asn Asn Gln Ala Leu Arg Arg Phe Met Gln Thr Phe
100 105 110

Val Leu Ala Pro Glu Gly Ser Val Ala Asn Lys Phe Tyr Val His Asn
115 120 125

ST98017US PCT.ST25.txt

Asp Ile Arg Tyr Gln Asp Glu Val Phe Gly Gly Phe Val Thr Glu Pro
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 Pro Glu Pro Asp Pro Glu Pro Glu Pro Glu Gln Glu Pro Val Ser Glu
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 Ile Gln Glu Glu Lys Pro Glu Pro Val Leu Glu Glu Thr Ala Pro Glu
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 Asp Ala Gln Lys Ser Ser Ser Pro Ala Pro Ala Asp Ile Ala Gln Thr
 225 230 235 240
 Val Gln Glu Asp Leu Arg Thr Phe Ser Trp Ala Ser Val Thr Ser Lys
 245 250 255
 Asn Leu Pro Pro Ser Gly Ala Val Pro Val Thr Gly Ile Pro Pro His
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 Val Val Lys Val Pro Ala Ser Gln Pro Arg Pro Glu Ser Lys Pro Glu
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 Ser Gln Ile Pro Pro Gln Arg Pro Gln Arg Asp Gln Arg Val Arg Glu
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 Gln Arg Ile Asn Ile Pro Pro Gln Arg Gly Pro Arg Pro Ile Arg Glu
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 Ala Gly Glu Gln Gly Asp Ile Glu Pro Arg Arg Met Val Arg His Pro
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 Asp Ser His Gln Leu Phe Ile Gly Asn Leu Pro His Glu Val Asp Lys
 340 345 350
 Ser Glu Leu Lys Asp Phe Phe Gln Ser Tyr Gly Asn Val Val Glu Leu
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 Arg Ile Asn Ser Gly Gly Lys Leu Pro Asn Phe Gly Phe Val Val Phe
 370 375 380

ST98017US PCT.ST25.txt

Asp Asp Ser Glu Pro Val Gln Lys Val Leu Ser Asn Arg Pro Ile Met
385 390 395 400

Phe Arg Gly Glu Val Arg Leu Asn Val Glu Glu Lys Lys Thr Arg Ala
405 410 415

Ala Arg Glu Gly Asp Arg Arg Asp Asn Arg Leu Arg Gly Pro Gly Gly
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ST98017US PCT.ST25.txt

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<210> 3
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Arg Gln Tyr Tyr Thr Leu Leu Asn Gln Ala Pro Asp Met Leu His Arg
 20 25 30

Phe Tyr Gly Lys Asn Ser Ser Tyr Val His Gly Gly Leu Asp Ser Asn
 35 40 45

Gly Lys Pro Ala Asp Ala Val Tyr Gly Gln Lys Glu Ile His Arg Lys
 50 55 60

ST98017US PCT.ST25.txt

Val Met Ser Gln Asn Phe Thr Asn Cys His Thr Lys Ile Arg His Val
65 70 75 80

Asp Ala His Ala Thr Leu Asn Asp Gly Val Val Val Gln Val Met Gly
85 90 95

Leu Leu Ser Asn Asn Asn Gln Ala Leu Arg Arg Phe Met Gln Thr Phe
100 105 110

Val Leu Ala Pro Glu Gly Ser Val Ala Asn Lys Phe Tyr Val His Asn
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Asp Ile Phe Arg Tyr Gln Asp Glu Val Phe Gly Gly Phe Val Thr
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<213> homo sapiens

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Arg Gln Tyr Tyr Thr Leu Leu Asn Lys Ala Pro Glu Tyr Leu His Arg
20 25 30

Phe Tyr Gly Arg Asn Ser Ser Tyr Val His Gly Gly Val Asp Ala Ser
35 40 45

Gly Lys Pro Gln Glu Ala Val Tyr Gly Gln Asn Asp Ile His His Lys
50 55 60

Val Leu Ser Leu Asn Phe Ser Glu Cys His Thr Lys Ile Arg His Val
65 70 75 80

Asp Ala His Ala Thr Leu Ser Asp Gly Val Val Val Gln Val Met Gly
85 90 95

Leu Leu Ser Asn Ser Gly Gln Pro Glu Arg Lys Phe Met Gln Thr Phe
100 105 110

Val Leu Ala Pro Glu Gly Ser Val Pro Asn Lys Phe Tyr Val His Asn
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<210> 8
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His Gly Gly Val Asp Ala Ser Gly Lys Pro Gln Glu Ala Val
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<212> PRT

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<211> 36

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<211> 36

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<223> primer C

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ST98017US PCT.ST25.txt

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<223> cDNA fragment containing vector and G3BP sequences

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ttttatggaa agaactcttc ttatgtccat gggggattgg attcaaattg aaaggcggcc      180
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<223> amino acids of 1-50 of the G3BP protein

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20          25          30
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Gln Ala Pro Asp Met Leu His Arg Phe Tyr Gly Lys Asn Ser Ser Tyr
35          40          45
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Val His Gly Gly Leu Asp Ser Asn Gly Lys Ala Ala Ala Glu Gln Lys
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Leu Ile Ser Glu Glu Asp Leu Asn Gly Ala Ala
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<212> DNA

<213> artificial

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<223> cDNA fragment containing vector and G3BP sequences

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tcaaattggaa aggcggccgc agaacaaaaa ctcatctcag aagaggatct gaatggggcc      180
gcatag      186
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Leu Asn Gln Ala Pro Asp Met Leu His Arg Phe Tyr Gly Lys Asn Ser
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Ser Tyr Val His Gly Gly Leu Asp Ser Asn Gly Lys Ala Ala Ala Glu
 35 40 45

Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Gly Ala Ala
 50 55 60

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49

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 <223> sq44g1s oligonucleotide

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47

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49

<210> 26
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ST98017US PCT.ST25.txt

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<223> sq65s oligonucleotide

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<212> DNA

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